

CLAIMS

What is claimed is:

- 1 1. A method for automatically recording and publishing traditional media source
2 programs over a network, the method comprising the computer-implemented
3 steps of:
4 receiving from a network client that is connected to the network a request for
5 publication of one or more traditional media source programs in one or
6 more encoding formats;
7 in response to receiving the request, capturing the one or more traditional media
8 source programs from a traditional media source that broadcasts the one or
9 more traditional media source programs at a particular broadcast time;
10 encoding the one or more traditional media source programs in the one or more
11 encoding formats to produce one or more encoded media programs; and
12 publishing, at a time different from the particular broadcast time, the one or more
13 encoded media programs over the network to the network client.
- 1 2. The method as recited in Claim 1, further comprising:
2 causing a viewer interface to be displayed at the network client, wherein the
3 viewer interface:
4 allows selection of the one or more traditional media source programs for
5 encoding; and
6 allows specification of publishing parameters;
7 wherein the step of publishing is performed based on said publishing parameters.
- 1 3. The method as recited in Claim 2, wherein the selection of the one or more
2 traditional media source programs for encoding includes selecting traditional

3 media source programs a broadcast of which, from the traditional media source, is
4 not generally receivable at the geographic location at which the network client
5 resides.

1 4. The method as recited in Claim 2, wherein the specification of publishing
2 parameters includes specifying a time of publication of each of the one or more
3 encoded media programs to the network client.

1 5. The method as recited in Claim 1, wherein:
2 the step of receiving a request for publication of one or more traditional media
3 source programs in one or more encoding formats includes the step of
4 receiving a request for publication of the one or more traditional media
5 source programs in one or more streaming media formats; and
6 the step of encoding the one or more traditional media source programs in the one
7 or more encoding formats includes the step of encoding the one or more
8 traditional media source programs in the one or more streaming media
9 formats.

1 6. The method as recited in Claim 1, wherein:
2 the step of receiving a request for publication of one or more traditional media
3 source programs in one or more encoding formats includes the step of
4 receiving a request for publication of one or more traditional media source
5 programs in one or more non-streaming media formats; and
6 the step of encoding the one or more traditional media source programs in the one
7 or more encoding formats includes the step of encoding the one or more
8 traditional media source programs in the one or more non-streaming media
9 formats.

1 7. The method as recited in Claim 1, further comprising the step of notifying the
2 network client that the one or more traditional media source programs have been
3 encoded in the one or more encoding formats to produce one or more encoded
4 media programs.

1 8. The method as recited in Claim 7, wherein the step of notifying the network client
2 includes the step of notifying the network client via an e-mail message.

1 9. The method as recited in Claim 1, further comprising the step of sending an e-
2 mail message to the network client, wherein the e-mail message includes a link
3 which when selected initiates the transmission of one of the one or more encoded
4 media programs to the network client.

1 10. The method as recited in Claim 1, further comprising the step of sending an e-
2 mail message to the network client, wherein the e-mail message includes a link
3 which when selected causes a Web page to be displayed at the network client that
4 includes controls that allow a user of the network client to initiate the transmission
5 of one of the one or more encoded media programs to the network client.

1 11. The method as recited in Claim 1, further comprising the step of adding a link to a
2 Web page that is associated with the network client, wherein the link allows a user
3 of the network client to initiate the transmission of one of the one or more
4 encoded media programs to the network client.

1 12. A computer-readable medium carrying one or more sequences of instructions for
2 automatically recording and publishing traditional media source programs over a
3 network, wherein execution of the one or more sequences of instructions by one
4 or more processors causes the one or more processors to perform the steps of:

5 receiving from a network client that is connected to the network a request for
6 publication of one or more traditional media source programs in one or
7 more encoding formats;
8 in response to receiving the request, capturing the one or more traditional media
9 source programs from a traditional media source that broadcasts the one or
10 more traditional media source programs at a particular broadcast time;
11 encoding the one or more traditional media source programs in the one or more
12 encoding formats to produce one or more encoded media programs; and
13 publishing, at a time different from the particular broadcast time, the one or more
14 encoded media programs over the network to the network client.

1 13. The computer-readable medium as recited in Claim 12, further comprising
2 instructions for performing the steps of:
3 causing a viewer interface to be displayed at the network client, wherein the
4 viewer interface:
5 allows selection of the one or more traditional media source programs for
6 encoding; and
7 allows specification of publishing parameters;
8 wherein the step of publishing is performed based on the publishing parameters.

1 14. The computer-readable medium as recited in Claim 13, wherein the selection of
2 the one or more traditional media source programs for encoding includes selecting
3 traditional media source programs whose broadcast, from the traditional media
4 source, is not generally receivable at the geographic location at which the network
5 client resides.

1 15. The computer-readable medium as recited in Claim 13, wherein the specification
2 of publishing parameters includes specifying a time of publication of each of the
3 one or more encoded media programs to the network client.

1 16. The computer-readable medium as recited in Claim 12, wherein:
2 the step of receiving a request for publication of one or more traditional media
3 source programs in one or more encoding formats includes the step of
4 receiving a request for publication of one or more traditional media source
5 programs in one or more streaming media formats; and
6 the step of encoding the one or more traditional media source programs in the one
7 or more encoding formats includes the step of encoding the one or more
8 traditional media source programs in the one or more streaming media
9 formats.

1 17. The computer-readable medium as recited in Claim 12, wherein:
2 the step of receiving a request for publication of one or more traditional media
3 source programs in one or more encoding formats includes the step of
4 receiving a request for publication of one or more traditional media source
5 programs in one or more non-streaming media formats; and
6 the step of encoding the one or more traditional media source programs in the one
7 or more encoding formats includes the step of encoding the one or more
8 traditional media source programs in the one or more non-streaming media
9 formats.

1 18. The computer-readable medium as recited in Claim 12, further comprising
2 instructions for performing the step of notifying the network client that the one or
3 more traditional media source programs have been encoded in the one or more
4 encoding formats to produce one or more encoded media programs.

1 19. The computer-readable medium as recited in Claim 18, wherein the step of
2 notifying the network client includes the step of notifying the network client via
3 an e-mail message.

1 20. The computer-readable medium as recited in Claim 12, further comprising
2 instructions for performing the step of sending an e-mail message to the network
3 client, wherein the e-mail message includes a link which when selected initiates
4 the transmission of one of the one or more encoded media programs to said
5 network client.

1 21. The computer-readable medium as recited in Claim 12, further comprising
2 instructions for performing the step of sending an e-mail message to the network
3 client, wherein the e-mail message includes a link which when selected causes a
4 Web page to be displayed at the network client that includes controls that allow a
5 user of the network client to initiate the transmission of one of the one or more
6 encoded media programs to said network client.

1 22. The computer-readable medium as recited in Claim 12, further comprising
2 instructions for performing the step of adding a link to a Web page that is
3 associated with the network client, wherein the link allows a user of the network
4 client to initiate the transmission of one of the one or more encoded media
5 programs to the network client.

1 23. A system for automatically recording and publishing traditional media source
2 programs in digital format over a network, the system comprising:
3 a digital remote recorder, wherein the digital remote recorder is configured to
4 receive encoding requests from a network client that is connected to the
5 network and to automatically capture and encode the traditional media
6 source programs into corresponding one or more encoded media programs
7 based on the encoding requests; and
8 a network server that is connected to the digital remote recorder, wherein the
9 network server is configured to store the one or more encoded media

10 programs, and to publish the one or more encoded media programs to the
11 network client.

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